

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	475	skew rolling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:29
S2	3778	thyssen.pa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:29
S3	0	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:29
S4	163	gmt.pa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:29
S5	0	S1 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:29
S6	1942138	steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:30
S7	231	S1 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:30
S8	366711	transformation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:40
S9	9	S1 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:40

S10	3938630	heat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:45
S11	5565638	heat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:45
S12	78	S1 with S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:45
S13	48	S12 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/16 14:46
S14	297325	skew roll\$3 or slant roll\$3 or rotary forg\$4 or cross roll\$4 or pierc \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:09
S15	3130030	spring or stabilizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:10
S16	25621	S14 same S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:10
S17	8234	S14 with S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:10
S18	122	29/896.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:13
S19	5	S14 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:13

S20	465401	helical spring or stabilizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:16
S21	1025	S14 same S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:16
S22	5240	skew roll\$3 or slant roll\$3 or cross roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:16
S23	11	S20 same S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:16
S24	99999	spring with helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:20
S25	16	S24 and (S15 same S22)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:20
S26	1626	skew roll\$3 or skew-roll\$3 or slant roll\$3 or slant-roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:32
S27	291	S15 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:33
S28	100	S15 same S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:33
S29	4	S28 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:33

S30	1420	skew roll\$3 or skew-roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:36
S31	260	S30 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:36
S32	92	S30 same S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:37
S33	4	S32 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:37
S34	122	29/896.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:48
S35	475	skew rolling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:52
S36	2772391	spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:53
S37	1420	skew roll\$3 or skew-roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:54
S38	92	S36 same S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:54
S39	32960	(straight\$5 with (rod or bar)) and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:59

S40	5	(straight\$5 with (rod or bar)) and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 15:59
S41	17076	(straight\$5 with (rod or bar)) same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:02
S42	15174	((straight\$5 with (rod or bar)) same spring) and ((mak\$3 or produc\$3 or form\$3) same spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:03
S43	12641	((straight\$5 with (rod or bar)) same spring) same ((mak\$3 or produc\$3 or form\$3) same spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:05
S44	86	(skew roll\$3 or skew-roll\$3) and twist\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:21
S45	40	(skew roll\$3 or skew-roll\$3) same twist\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:21
S46	243	(skew roll\$3 or skew-roll\$3) with (final or end or last or marginal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:33
S47	575214	stretch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:34
S48	17	S46 same S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:34
S49	9	S46 with S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:34

S50	39	S46 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/17 16:34
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